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WAR FOOD ADMINISTRATION
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RECOMMENDED DRYING AIR TEMPERATURES
FOR
DRYING ROUGH RICE IN RICE DRYERS

Prepared by W. D. Smith, Rice Supervisor

The drying air temperatures shown in the accompanying tables are based on the moisture content of the rice before drying and the moisture saturation deficit of the air at different temperatures as calculated from the dry and wet bulb temperatures of the atmosphere.

Directions for Using the Tables

1. Determine the moisture content of the rice before drying.
2. Determine the dry and wet bulb temperatures of the atmosphere.
3. Turn to the table which gives the atmospheric temperature (dry bulb reading).
4. Use the column of figures under the wet bulb reading.
5. The exact temperature of the heated air to be used for drying the rice will then be established by using the figure in the column which is opposite the figure showing the moisture content of the rice.

Example:

The atmospheric temperature (dry bulb reading) is 82.
The wet bulb temperature of the atmosphere is 73.
The moisture content of the rice is 18.4 percent.

The temperature of the heated air that is to be used in drying the rice is 120°F.

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Atmospheric Temperature - 60° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>59 58</u>	<u>57 56</u>	<u>55 54 53 52</u>	<u>51 50 49</u>	<u>48 47 46</u>	<u>45</u>
16.0 and under	106	105	104	103	102	101
16.1 and 16.2	107	106	105	104	103	102
16.3 and 16.4	108	107	106	105	104	103
16.5 and 16.6	109	108	107	106	105	104
16.7 and 16.8	110	109	108	107	106	105
16.9 and 17.0	111	110	109	108	107	106
17.1 and 17.2	112	111	110	109	108	107
17.3 and 17.4	113	112	111	110	109	108
17.5 and 17.6	114	113	112	111	110	109
17.7 and 17.8	115	114	113	112	111	110
17.9 and 18.0	116	115	114	113	112	111
18.1 and 18.2	117	116	115	114	113	112
18.3 and 18.4	118	117	116	115	114	113
18.5 and 18.6	119	118	117	116	115	114
18.7 and 18.8	120	119	118	117	116	115
18.9 and over	121	120	119	118	117	116

Atmospheric Temperature - 61° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>60 59</u>	<u>58 57 56</u>	<u>55 54 53</u>	<u>52 51 50</u>	<u>49 48 47 46</u>
16.0 and under	106	105	104	103	102
16.1 and 16.2	107	106	105	104	103
16.3 and 16.4	108	107	106	105	104
16.5 and 16.6	109	108	107	106	105
16.7 and 16.8	110	109	108	107	106
16.9 and 17.0	111	110	109	108	107
17.1 and 17.2	112	111	110	109	108
17.3 and 17.4	113	112	111	110	109
17.5 and 17.6	114	113	112	111	110
17.7 and 17.8	115	114	113	112	111
17.9 and 18.0	116	115	114	113	112
18.1 and 18.2	117	116	115	114	113
18.3 and 18.4	118	117	116	115	114
18.5 and 18.6	119	118	117	116	115
18.7 and 18.8	120	119	118	117	116
18.9 and over	121	120	119	118	117

Atmospheric Temperature - 62.° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>61 60 59</u>	<u>58 57 56</u>	<u>55 54 53</u>	<u>52 51 50</u>	<u>49 48 47</u>
16.0 and under	106	105	104	103	102
16.1 and 16.2	107	106	105	104	103
16.3 and 16.4	108	107	106	105	104
16.5 and 16.6	109	108	107	106	105
16.7 and 16.8	110	109	108	107	106
16.9 and 17.0	111	110	109	108	107
17.1 and 17.2	112	111	110	109	108
17.3 and 17.4	113	112	111	110	109
17.5 and 17.6	114	113	112	111	110
17.7 and 17.8	115	114	113	112	111
17.9 and 18.0	116	115	114	113	112
18.1 and 18.2	117	116	115	114	113
18.3 and 18.4	118	117	116	115	114
18.5 and 18.6	119	118	117	116	115
18.7 and 18.8	120	119	118	117	116
18.9 and over	121	120	119	118	117

Atmospheric Temperature - 63° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>62 61 60</u>	<u>59 58 57</u>	<u>56 55 54</u>	<u>53 52 51</u>	<u>50 49 48</u>
16.0 and under	106	105	104	103	102
16.1 and 16.2	107	106	105	104	103
16.3 and 16.4	108	107	106	105	104
16.5 and 16.6	109	108	107	106	105
16.7 and 16.8	110	109	108	107	106
16.9 and 17.0	111	110	109	108	107
17.1 and 17.2	112	111	110	109	108
17.3 and 17.4	113	112	111	110	109
17.5 and 17.6	114	113	112	111	110
17.7 and 17.8	115	114	113	112	111
17.9 and 18.0	116	115	114	113	112
18.1 and 18.2	117	116	115	114	113
18.3 and 18.4	118	117	116	115	114
18.5 and 18.6	119	118	117	116	115
18.7 and 18.8	120	119	118	117	116
18.9 and over	121	120	119	118	117

Atmospheric Temperature - 64° F.

Moisture content of
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>63</u>	<u>62 61 60</u>	<u>59 58 57</u>	<u>56 55 54</u>	<u>53 52 51</u>	<u>50 49</u>
16.0 and under	107	106	105	104	103	102
16.1 and 16.2	108	107	106	105	104	103
16.3 and 16.4	109	108	107	106	105	104
16.5 and 16.6	110	109	108	107	106	105
16.7 and 16.8	111	110	109	108	107	106
16.9 and 17.0	112	111	110	109	108	107
17.1 and 17.2	113	112	111	110	109	108
17.3 and 17.4	114	113	112	111	110	109
17.5 and 17.6	115	114	113	112	111	110
17.7 and 17.8	116	115	114	113	112	111
17.9 and 18.0	117	116	115	114	113	112
18.1 and 18.2	118	117	116	115	114	113
18.3 and 18.4	119	118	117	116	115	114
18.5 and 18.6	120	119	118	117	116	115
18.7 and 18.8	121	120	119	118	117	116
18.9 and over	122	121	120	119	118	117

Atmospheric Temperature ~ 65° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>64 63</u>	<u>62 61</u>	<u>60 59 58</u>	<u>57 56 55 54</u>	<u>53 52</u>	<u>51 50</u>
16.0 and under	107	106	105	104	103	102
16.1 and 16.2	108	107	106	105	104	103
16.3 and 16.4	109	108	107	106	105	104
16.5 and 16.6	110	109	108	107	106	105
16.7 and 16.8	111	110	109	108	107	106
16.9 and 17.0	112	111	110	109	108	107
17.1 and 17.2	113	112	111	110	109	108
17.3 and 17.4	114	113	112	111	110	109
17.5 and 17.6	115	114	113	112	111	110
17.7 and 17.8	116	115	114	113	112	111
17.9 and 18.0	117	116	115	114	113	112
18.1 and 18.2	118	117	116	115	114	113
18.3 and 18.4	119	118	117	116	115	114
18.5 and 18.6	120	119	118	117	116	115
18.7 and 18.8	121	120	119	118	117	116
18.9 and over	122	121	120	119	118	117

Atmospheric Temperature - 66° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>65 64</u>	<u>63 62 61</u>	<u>60 59 58</u>	<u>57 56 55</u>	<u>54 53 52</u>	<u>51</u>
16.0 and under	107	106	105	104	103	102
16.1 and 16.2	108	107	106	105	104	103
16.3 and 16.4	109	108	107	106	105	104
16.5 and 16.6	110	109	108	107	106	105
16.7 and 16.8	111	110	109	108	107	106
16.9 and 17.0	112	111	110	109	108	107
17.1 and 17.2	113	112	111	110	109	108
17.3 and 17.4	114	113	112	111	110	109
17.5 and 17.6	115	114	113	112	111	110
17.7 and 17.8	116	115	114	113	112	111
17.9 and 18.0	117	116	115	114	113	112
18.1 and 18.2	118	117	116	115	114	113
18.3 and 18.4	119	118	117	116	115	114
18.5 and 18.6	120	119	118	117	116	115
18.7 and 18.8	121	120	119	118	117	116
18.9 and over	122	121	120	119	118	117

Atmospheric Temperature - 67° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>66 65 64</u>	<u>63 62 61</u>	<u>60 59</u>	<u>58 57 56 55</u>	<u>54 53</u>	<u>52</u>
16.0 and under	107	106	105	104	103	102
16.1 and 16.2	108	107	106	105	104	103
16.3 and 16.4	109	108	107	106	105	104
16.5 and 16.6	110	109	108	107	106	105
16.7 and 16.8	111	110	109	108	107	106
16.9 and 17.0	112	111	110	109	108	107
17.1 and 17.2	113	112	111	110	109	108
17.3 and 17.4	114	113	112	111	110	109
17.5 and 17.6	115	114	113	112	111	110
17.7 and 17.8	116	115	114	113	112	111
17.9 and 18.0	117	116	115	114	113	112
18.1 and 18.2	118	117	116	115	114	113
18.3 and 18.4	119	118	117	116	115	114
18.5 and 18.6	120	119	118	117	116	115
18.7 and 18.8	121	120	119	118	117	116
18.9 and over	122	121	120	119	118	117

Atmospheric Temperature - 68° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>67</u>	<u>66 65</u>	<u>64 63 62</u>	<u>61 60 59</u>	<u>58 57 56</u>	<u>55 54 53</u>
16.0 and under	108	107	106	105	104	103
16.1 and 16.2	109	108	107	106	105	104
16.3 and 16.4	110	109	108	107	106	105
16.5 and 16.6	111	110	109	108	107	106
16.7 and 16.8	112	111	110	109	108	107
16.9 and 17.0	113	112	111	110	109	108
17.1 and 17.2	114	113	112	111	110	109
17.3 and 17.4	115	114	113	112	111	110
17.5 and 17.6	116	115	114	113	112	111
17.7 and 17.8	117	116	115	114	113	112
17.9 and 18.0	118	117	116	115	114	113
18.1 and 18.2	119	118	117	116	115	114
18.3 and 18.4	120	119	118	117	116	115
18.5 and 18.6	121	120	119	118	117	116
18.7 and 18.8	122	121	120	119	118	117
18.9 and over	123	122	121	120	119	118

Atmospheric Temperature - 69° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>68</u>	<u>67 66 65</u>	<u>64 63 62</u>	<u>61 60 59</u>	<u>58 57 56</u>	<u>55 54</u>
16.0 and under	108	107	106	105	104	103
16.1 and 16.2	109	108	107	106	105	104
16.3 and 16.4	110	109	108	107	106	105
16.5 and 16.6	111	110	109	108	107	106
16.7 and 16.8	112	111	110	109	108	107
16.9 and 17.0	113	112	111	110	109	108
17.1 and 17.2	114	113	112	111	110	109
17.3 and 17.4	115	114	113	112	111	110
17.5 and 17.6	116	115	114	113	112	111
17.7 and 17.8	117	116	115	114	113	112
17.9 and 18.0	118	117	116	115	114	113
18.1 and 18.2	119	118	117	116	115	114
18.3 and 18.4	120	119	118	117	116	115
18.5 and 18.6	121	120	119	118	117	116
18.7 and 18.8	122	121	120	119	118	117
18.9 and over	123	122	121	120	119	118

Atmospheric Temperature 70° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>69 68</u>	<u>67 66 65</u>	<u>64 63 62</u>	<u>61 60</u>	<u>59 58 57</u>	<u>56 55</u>
16.0 and under	108	107	106	105	104	103
16.1 and 16.2	109	108	107	106	105	104
16.3 and 16.4	110	109	108	107	106	105
16.5 and 16.6	111	110	109	108	107	106
16.7 and 16.8	112	111	110	109	108	107
16.9 and 17.0	113	112	111	110	109	108
17.1 and 17.2	114	113	112	111	110	109
17.3 and 17.4	115	114	113	112	111	110
17.5 and 17.6	116	115	114	113	112	111
17.7 and 17.8	117	116	115	114	113	112
17.9 and 18.0	118	117	116	115	114	113
18.1 and 18.2	119	118	117	116	115	114
18.3 and 18.4	120	119	118	117	116	115
18.5 and 18.6	121	120	119	118	117	116
18.7 and 18.8	122	121	120	119	118	117
18.9 and over	123	122	121	120	119	118

Atmospheric Temperature - 71° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>70 69 68</u>	<u>67 66</u>	<u>65 64 63</u>	<u>62 61 60</u>	<u>59 58 57</u>	<u>56</u>
16.0 and under	108	107	106	105	104	103
16.1 and 16.2	109	108	107	106	105	104
16.3 and 16.4	110	109	108	107	106	105
16.5 and 16.6	111	110	109	108	107	106
16.7 and 16.8	112	111	110	109	108	107
16.9 and 17.0	113	112	111	110	109	108
17.1 and 17.2	114	113	112	111	110	109
17.3 and 17.4	115	114	113	112	111	110
17.5 and 17.6	116	115	114	113	112	111
17.7 and 17.8	117	116	115	114	113	112
17.9 and 18.0	118	117	116	115	114	113
18.1 and 18.2	119	118	117	116	115	114
18.3 and 18.4	120	119	118	117	116	115
18.5 and 18.6	121	120	119	118	117	116
18.7 and 18.8	122	121	120	119	118	117
18.9 and over	123	122	121	120	119	118

Atmospheric Temperature - 72° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>71</u>	<u>70 69</u>	<u>68 67 66</u>	<u>65 64 63</u>	<u>62 61 60</u>	<u>59 58 57</u>
16.0 and under	109	108	107	106	105	104
16.1 and 16.2	110	109	108	107	106	105
16.3 and 16.4	111	110	109	108	107	106
16.5 and 16.6	112	111	110	109	108	107
16.7 and 16.8	113	112	111	110	109	108
16.9 and 17.0	114	113	112	111	110	109
17.1 and 17.2	115	114	113	112	111	110
17.3 and 17.4	116	115	114	113	112	111
17.5 and 17.6	117	116	115	114	113	112
17.7 and 17.8	118	117	116	115	114	113
17.9 and 18.0	119	118	117	116	115	114
18.1 and 18.2	120	119	118	117	116	115
18.3 and 18.4	121	120	119	118	117	116
18.5 and 18.6	122	121	120	119	118	117
18.7 and 18.8	123	122	121	120	119	118
18.9 and over	124	123	122	121	120	119

Atmospheric Temperature - 73° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>72 71</u>	<u>70 69</u>	<u>68 67 66</u>	<u>65 64</u>	<u>63 62 61</u>	<u>60 59 58</u>
16.0 and under	109	108	107	106	105	104
16.1 and 16.2	110	109	108	107	106	105
16.3 and 16.4	111	110	109	108	107	106
16.5 and 16.6	112	111	110	109	108	107
16.7 and 16.8	113	112	111	110	109	108
16.9 and 17.0	114	113	112	111	110	109
17.1 and 17.2	115	114	113	112	111	110
17.3 and 17.4	116	115	114	113	112	111
17.5 and 17.6	117	116	115	114	113	112
17.7 and 17.8	118	117	116	115	114	113
17.9 and 18.0	119	118	117	116	115	114
18.1 and 18.2	120	119	118	117	116	115
18.3 and 18.4	121	120	119	118	117	116
18.5 and 18.6	122	121	120	119	118	117
18.7 and 18.8	123	122	121	120	119	118
18.9 and over	124	123	122	121	120	119

Atmospheric Temperature 74° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>73 72</u>	<u>71 70 69</u>	<u>68 67</u>	<u>66 65 64</u>	<u>63 62 61</u>	<u>60 59</u>
16.0 and under	109	108	107	106	105	104
16.1 and 16.2	110	109	108	107	106	105
16.3 and 16.4	111	110	109	108	107	106
16.5 and 16.6	112	111	110	109	108	107
16.7 and 16.8	113	112	111	110	109	108
16.9 and 17.0	114	113	112	111	110	109
17.1 and 17.2	115	114	113	112	111	110
17.3 and 17.4	116	115	114	113	112	111
17.5 and 17.6	117	116	115	114	113	112
17.7 and 17.8	118	117	116	115	114	113
17.9 and 18.0	119	118	117	116	115	114
18.1 and 18.2	120	119	118	117	116	115
18.3 and 18.4	121	120	119	118	117	116
18.5 and 18.6	122	121	120	119	118	117
18.7 and 18.8	123	122	121	120	119	118
18.9 and over	124	123	122	121	120	119

Atmospheric Temperature 75° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>74</u>	<u>73 72</u>	<u>71 70</u>	<u>69 68 67</u>	<u>66 65</u>	<u>64 63 62</u>	<u>61 60</u>
16.0 and under	110	109	108	107	106	105	104
16.1 and 16.2	111	110	109	108	107	106	105
16.3 and 16.4	112	111	110	109	108	107	106
16.5 and 16.6	113	112	111	110	109	108	107
16.7 and 16.8	114	113	112	111	110	109	108
16.9 and 17.0	115	114	113	112	111	110	109
17.1 and 17.2	116	115	114	113	112	111	110
17.3 and 17.4	117	116	115	114	113	112	111
17.5 and 17.6	118	117	116	115	114	113	112
17.7 and 17.8	119	118	117	116	115	114	113
17.9 and 18.0	120	119	118	117	116	115	114
18.1 and 18.2	121	120	119	118	117	116	115
18.3 and 18.4	122	121	120	119	118	117	116
18.5 and 18.6	123	122	121	120	119	118	117
18.7 and 18.8	124	123	122	121	120	119	118
18.9 and over	125	124	123	122	121	120	119

Atmospheric Temperature - 76° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>75</u>	<u>74 73</u>	<u>72 71 70</u>	<u>69 68</u>	<u>67 66 65</u>	<u>64 63 62</u>	<u>61</u>
16.0 and under	110	109	108	107	106	105	104
16.1 and 16.2	111	110	109	108	107	106	105
16.3 and 16.4	112	111	110	109	108	107	106
16.5 and 16.6	113	112	111	110	109	108	107
16.7 and 16.8	114	113	112	111	110	109	108
16.9 and 17.0	115	114	113	112	111	110	109
17.1 and 17.2	116	115	114	113	112	111	110
17.3 and 17.4	117	116	115	114	113	112	111
17.5 and 17.6	118	117	116	115	114	113	112
17.7 and 17.8	119	118	117	116	115	114	113
17.9 and 18.0	120	119	118	117	116	115	114
18.1 and 18.2	121	120	119	118	117	116	115
18.3 and 18.4	122	121	120	119	118	117	116
18.5 and 18.6	123	122	121	120	119	118	117
18.7 and 18.8	124	123	122	121	120	119	118
18.9 and over	125	124	123	122	121	120	119

Atmospheric Temperature 77° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>76 75</u>	<u>74 73</u>	<u>72 71 70</u>	<u>69 68</u>	<u>67 66 65</u>	<u>64 63</u>	<u>62</u>
16.0 and under	110	109	108	107	106	105	104
16.1 and 16.2	111	110	109	108	107	106	105
16.3 and 16.4	112	111	110	109	108	107	106
16.5 and 16.6	113	112	111	110	109	108	107
16.7 and 16.8	114	113	112	111	110	109	108
16.9 and 17.0	115	114	113	112	111	110	109
17.1 and 17.2	116	115	114	113	112	111	110
17.3 and 17.4	117	116	115	114	113	112	111
17.5 and 17.6	118	117	116	115	114	113	112
17.7 and 17.8	119	118	117	116	115	114	113
17.9 and 18.0	120	119	118	117	116	115	114
18.1 and 18.2	121	120	119	118	117	116	115
18.3 and 18.4	122	121	120	119	118	117	116
18.5 and 18.6	123	122	121	120	119	118	117
18.7 and 18.8	124	123	122	121	120	119	118
18.9 and over	125	124	123	122	121	120	119

Atmospheric Temperature 78° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>77</u>	<u>76 75</u>	<u>74 73</u>	<u>72 71</u>	<u>70 69 68</u>	<u>67 66</u>	<u>65 64 63</u>
16.0 and under	111	110	109	108	107	106	105
16.1 and 16.2	112	111	110	109	108	107	106
16.3 and 16.4	113	112	111	110	109	108	107
16.5 and 16.6	114	113	112	111	110	109	108
16.7 and 16.8	115	114	113	112	111	110	109
16.9 and 17.0	116	115	114	113	112	111	110
17.1 and 17.2	117	116	115	114	113	112	111
17.3 and 17.4	118	117	116	115	114	113	112
17.5 and 17.6	119	118	117	116	115	114	113
17.7 and 17.8	120	119	118	117	116	115	114
17.9 and 18.0	121	120	119	118	117	116	115
18.1 and 18.2	122	121	120	119	118	117	116
18.3 and 18.4	123	122	121	120	119	118	117
18.5 and 18.6	124	123	122	121	120	119	118
18.7 and 18.8	125	124	123	122	121	120	119
18.9 and over	126	125	124	123	122	121	120

75
Atmospheric Temperature - 79° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>78</u>	<u>77 76</u>	<u>75 74 73</u>	<u>72 71</u>	<u>70 69</u>	<u>68 67 66</u>	<u>65 64</u>
16.0 and under	111	110	109	108	107	106	105
16.1 and 16.2	112	111	110	109	108	107	106
16.3 and 16.4	113	112	111	110	109	108	107
16.5 and 16.6	114	113	112	111	110	109	108
16.7 and 16.8	115	114	113	112	111	110	109
16.9 and 17.0	116	115	114	113	112	111	110
17.1 and 17.2	117	116	115	114	113	112	111
17.3 and 17.4	118	117	116	115	114	113	112
17.5 and 17.6	119	118	117	116	115	114	113
17.7 and 17.8	120	119	118	117	116	115	114
17.9 and 18.0	121	120	119	118	117	116	115
18.1 and 18.2	122	121	120	119	118	117	116
18.3 and 18.4	123	122	121	120	119	118	117
18.5 and 18.6	124	123	122	121	120	119	118
18.7 and 18.8	125	124	123	122	121	120	119
18.9 and over	126	125	124	123	122	121	120

Atmospheric Temperature_80° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>79 78</u>	<u>77 76</u>	<u>75 74</u>	<u>73 72 71</u>	<u>70 69</u>	<u>68 67 66</u>	<u>65</u>
16.0 and under	111	110	109	108	107	106	105
16.1 and 16.2	112	111	110	109	108	107	106
16.3 and 16.4	113	112	111	110	109	108	107
16.5 and 16.6	114	113	112	111	110	109	108
16.7 and 16.8	115	114	113	112	111	110	109
16.9 and 17.0	116	115	114	113	112	111	110
17.1 and 17.2	117	116	115	114	113	112	111
17.3 and 17.4	118	117	116	115	114	113	112
17.5 and 17.6	119	118	117	116	115	114	113
17.7 and 17.8	120	119	118	117	116	115	114
17.9 and 18.0	121	120	119	118	117	116	115
18.1 and 18.2	122	121	120	119	118	117	116
18.3 and 18.4	123	122	121	120	119	118	117
18.5 and 18.6	124	123	122	121	120	119	118
18.7 and 18.8	125	124	123	122	121	120	119
18.9 and over	126	125	124	123	122	121	120

Atmospheric Temperature 81° F.Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>80 79</u>	<u>78 77 76</u>	<u>75 74</u>	<u>73 72 71</u>	<u>70 69</u>	<u>68 67</u>	<u>66</u>
16.0 and under	111	110	109	108	107	106	105
16.1 and 16.2	112	111	110	109	108	107	106
16.3 and 16.4	113	112	111	110	109	108	107
16.5 and 16.6	114	113	112	111	110	109	108
16.7 and 16.8	115	114	113	112	111	110	109
16.9 and 17.0	116	115	114	113	112	111	110
17.1 and 17.2	117	116	115	114	113	112	111
17.3 and 17.4	118	117	116	115	114	113	112
17.5 and 17.6	119	118	117	116	115	114	113
17.7 and 17.8	120	119	118	117	116	115	114
17.9 and 18.0	121	120	119	118	117	116	115
18.1 and 18.2	122	121	120	119	118	117	116
18.3 and 18.4	123	122	121	120	119	118	117
18.5 and 18.6	124	123	122	121	120	119	118
18.7 and 18.8	125	124	123	122	121	120	119
18.9 and over	126	125	124	123	122	121	120

Atmospheric Temperature - 82° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>81</u>	<u>80 79</u>	<u>78 77</u>	<u>76 75 74</u>	<u>73 72</u>	<u>71 70</u>	<u>69 68 67</u>
16.0 and under	112	111	110	109	108	107	106
16.1 and 16.2	113	112	111	110	109	108	107
16.3 and 16.4	114	113	112	111	110	109	108
16.5 and 16.6	115	114	113	112	111	110	109
16.7 and 16.8	116	115	114	113	112	111	110
16.9 and 17.0	117	116	115	114	113	112	111
17.1 and 17.2	118	117	116	115	114	113	112
17.3 and 17.4	119	118	117	116	115	114	113
17.5 and 17.6	120	119	118	117	116	115	114
17.7 and 17.8	121	120	119	118	117	116	115
17.9 and 18.0	122	121	120	119	118	117	116
18.1 and 18.2	123	122	121	120	119	118	117
18.3 and 18.4	124	123	122	121	120	119	118
18.5 and 18.6	125	124	123	122	121	120	119
18.7 and 18.8	126	125	124	123	122	121	120
18.9 and over	127	126	125	124	123	122	121

Atmospheric Temperature - 83° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>82 81</u>	<u>80 79</u>	<u>78 77</u>	<u>76 75</u>	<u>74 73 72</u>	<u>71 70</u>	<u>69 68</u>
16.0 and under	112	111	110	109	108	107	106
16.1 and 16.2	113	112	111	110	109	108	107
16.3 and 16.4	114	113	112	111	110	109	108
16.5 and 16.6	115	114	113	112	111	110	109
16.7 and 16.8	116	115	114	113	112	111	110
16.9 and 17.0	117	116	115	114	113	112	111
17.1 and 17.2	118	117	116	115	114	113	112
17.3 and 17.4	119	118	117	116	115	114	113
17.5 and 17.6	120	119	118	117	116	115	114
17.7 and 17.8	121	120	119	118	117	116	115
17.9 and 18.0	122	121	120	119	118	117	116
18.1 and 18.2	123	122	121	120	119	118	117
18.3 and 18.4	124	123	122	121	120	119	118
18.5 and 18.6	125	124	123	122	121	120	119
18.7 and 18.8	126	125	124	123	122	121	120
18.9 and over	127	126	125	124	123	122	121

Atmospheric Temperature ~ 84° F.

Moisture content
of rice

Wet bulb and drying temperatures

Percent	<u>83 82</u>	<u>81 80</u>	<u>79 78 77</u>	<u>76 75</u>	<u>74 73</u>	<u>72 71 70</u>	<u>69</u>
16.0 and under	112	111	110	109	108	107	106
16.1 and 16.2	113	112	111	110	109	108	107
16.3 and 16.4	114	113	112	111	110	109	108
16.5 and 16.6	115	114	113	112	111	110	109
16.7 and 16.8	116	115	114	113	112	111	110
16.9 and 17.0	117	116	115	114	113	112	111
17.1 and 17.2	118	117	116	115	114	113	112
17.3 and 17.4	119	118	117	116	115	114	113
17.5 and 17.6	120	119	118	117	116	115	114
17.7 and 17.8	121	120	119	118	117	116	115
17.9 and 18.0	122	121	120	119	118	117	116
18.1 and 18.2	123	122	121	120	119	118	117
18.3 and 18.4	124	123	122	121	120	119	118
18.5 and 18.6	125	124	123	122	121	120	119
18.7 and 18.8	126	125	124	123	122	121	120
18.9 and over	127	126	125	124	123	122	121

Atmospheric Temperature - 85° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>84</u>	<u>83 82</u>	<u>81 80</u>	<u>79 78</u>	<u>77 76</u>	<u>75 74 73</u>	<u>72 71</u>	<u>70</u>
16.0 and under	113	112	111	110	109	108	107	106
16.1 and 16.2	114	113	112	111	110	109	108	107
16.3 and 16.4	115	114	113	112	111	110	109	108
16.5 and 16.6	116	115	114	113	112	111	110	109
16.7 and 16.8	117	116	115	114	113	112	111	110
16.9 and 17.0	118	117	116	115	114	113	112	111
17.1 and 17.2	119	118	117	116	115	114	113	112
17.3 and 17.4	120	119	118	117	116	115	114	113
17.5 and 17.6	121	120	119	118	117	116	115	114
17.7 and 17.8	122	121	120	119	118	117	116	115
17.9 and 18.0	123	122	121	120	119	118	117	116
18.1 and 18.2	124	123	122	121	120	119	118	117
18.3 and 18.4	125	124	123	122	121	120	119	118
18.5 and 18.6	126	125	124	123	122	121	120	119
18.7 and 18.8	127	126	125	124	123	122	121	120
18.9 and over	128	127	126	125	124	123	122	121

Atmospheric Temperature - 86° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>85 84</u>	<u>83 82</u>	<u>81 80</u>	<u>79 78</u>	<u>77 76</u>	<u>75 74</u>	<u>73 72 71</u>
16.0 and under	113	112	111	110	109	108	107
16.1 and 16.2	114	113	112	111	110	109	108
16.3 and 16.4	115	114	113	112	111	110	109
16.5 and 16.6	116	115	114	113	112	111	110
16.7 and 16.8	117	116	115	114	113	112	111
16.9 and 17.0	118	117	116	115	114	113	112
17.1 and 17.2	119	118	117	116	115	114	113
17.3 and 17.4	120	119	118	117	116	115	114
17.5 and 17.6	121	120	119	118	117	116	115
17.7 and 17.8	122	121	120	119	118	117	116
17.9 and 18.0	123	122	121	120	119	118	117
18.1 and 18.2	124	123	122	121	120	119	118
18.3 and 18.4	125	124	123	122	121	120	119
18.5 and 18.6	126	125	124	123	122	121	120
18.7 and 18.8	127	126	125	124	123	122	121
18.9 and over	128	127	126	125	124	123	122

Atmospheric Temperature - 87° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>86 85</u>	<u>84 83 82</u>	<u>81 80</u>	<u>79 78</u>	<u>77 76</u>	<u>75 74</u>	<u>73 72</u>
16.0 and under	113	112	111	110	109	108	107
16.1 and 16.2	114	113	112	111	110	109	108
16.3 and 16.4	115	114	113	112	111	110	109
16.5 and 16.6	116	115	114	113	112	111	110
16.7 and 16.8	117	116	115	114	113	112	111
16.9 and 17.0	118	117	116	115	114	113	112
17.1 and 17.2	119	118	117	116	115	114	113
17.3 and 17.4	120	119	118	117	116	115	114
17.5 and 17.6	121	120	119	118	117	116	115
17.7 and 17.8	122	121	120	119	118	117	116
17.9 and 18.0	123	122	121	120	119	118	117
18.1 and 18.2	124	123	122	121	120	119	118
18.3 and 18.4	125	124	123	122	121	120	119
18.5 and 18.6	126	125	124	123	122	121	120
18.7 and 18.8	127	126	125	124	123	122	121
18.9 and over	128	127	126	125	124	123	122

Atmospheric Temperature - 88° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>87</u>	<u>86 85</u>	<u>84 83</u>	<u>82 81</u>	<u>80 79 78</u>	<u>77 76</u>	<u>75 74</u>	<u>73</u>
16.0 and under	114	113	112	111	110	109	108	107
16.1 and 16.2	115	114	113	112	111	110	109	108
16.3 and 16.4	116	115	114	113	112	111	110	109
16.5 and 16.6	117	116	115	114	113	112	111	110
16.7 and 16.8	118	117	116	115	114	113	112	111
16.9 and 17.0	119	118	117	116	115	114	113	112
17.1 and 17.2	120	119	118	117	116	115	114	113
17.3 and 17.4	121	120	119	118	117	116	115	114
17.5 and 17.6	122	121	120	119	118	117	116	115
17.7 and 17.8	123	122	121	120	119	118	117	116
17.9 and 18.0	124	123	122	121	120	119	118	117
18.1 and 18.2	125	124	123	122	121	120	119	118
18.3 and 18.4	126	125	124	123	122	121	120	119
18.5 and 18.6	127	126	125	124	123	122	121	120
18.7 and 18.8	128	127	126	125	124	123	122	121
18.9 and over	129	128	127	126	125	124	123	122

Atmospheric Temperature - 89° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>88 87</u>	<u>86 85</u>	<u>84 83</u>	<u>82 81</u>	<u>80 79</u>	<u>78 77</u>	<u>76 75</u>	<u>74</u>
16.0 and under	114	113	112	111	110	109	108	107
16.1 and 16.2	115	114	113	112	111	110	109	108
16.3 and 16.4	116	115	114	113	112	111	110	109
16.5 and 16.6	117	116	115	114	113	112	111	110
16.7 and 16.8	118	117	116	115	114	113	112	111
16.9 and 17.0	119	118	117	116	115	114	113	112
17.1 and 17.2	120	119	118	117	116	115	114	113
17.3 and 17.4	121	120	119	118	117	116	115	114
17.5 and 17.6	122	121	120	119	118	117	116	115
17.7 and 17.8	123	122	121	120	119	118	117	116
17.9 and 18.0	124	123	122	121	120	119	118	117
18.1 and 18.2	125	124	123	122	121	120	119	118
18.3 and 18.4	126	125	124	123	122	121	120	119
18.5 and 18.6	127	126	125	124	123	122	121	120
18.7 and 18.8	128	127	126	125	124	123	122	121
18.9 and over	129	128	127	126	125	124	123	122

Atmospheric Temperature - ~~90~~¹⁰⁰ F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>89</u>	<u>88 87</u>	<u>86</u>	<u>85 84 83</u>	<u>82 81</u>	<u>80 79</u>	<u>78 77</u>	<u>76 75</u>
16.0 and under	115	114	113	112	111	110	109	108
16.1 and 16.2	116	115	114	113	112	111	110	109
16.3 and 16.4	117	116	115	114	113	112	111	110
16.5 and 16.6	118	117	116	115	114	113	112	111
16.7 and 16.8	119	118	117	116	115	114	113	112
16.9 and 17.0	120	119	118	117	116	115	114	113
17.1 and 17.2	121	120	119	118	117	116	115	114
17.3 and 17.4	122	121	120	119	118	117	116	115
17.5 and 17.6	123	122	121	120	119	118	117	116
17.7 and 17.8	124	123	122	121	120	119	118	117
17.9 and 18.0	125	124	123	122	121	120	119	118
18.1 and 18.2	126	125	124	123	122	121	120	119
18.3 and 18.4	127	126	125	124	123	122	121	120
18.5 and 18.6	128	127	126	125	124	123	122	121
18.7 and 18.8	129	128	127	126	125	124	123	122
18.9 and over	130	129	128	127	126	125	124	123

Atmospheric Temperature - 91° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>90</u>	<u>89 88</u>	<u>87 86</u>	<u>85 84</u>	<u>83 82 81</u>	<u>80 79</u>	<u>78 77</u>	<u>76</u>
16.0 and 16.2	115	114	113	112	111	110	109	108
16.1 and 16.2	116	115	114	113	112	111	110	109
16.3 and 16.4	117	116	115	114	113	112	111	110
16.5 and 16.6	118	117	116	115	114	113	112	111
16.7 and 16.8	119	118	117	116	115	114	113	112
16.9 and 17.0	120	119	118	117	116	115	114	113
17.1 and 17.2	121	120	119	118	117	116	115	114
17.3 and 17.4	122	121	120	119	118	117	116	115
17.5 and 17.6	123	122	121	120	119	118	117	116
17.7 and 17.8	124	123	122	121	120	119	118	117
17.9 and 18.0	125	124	123	122	121	120	119	118
18.1 and 18.2	126	125	124	123	122	121	120	119
18.3 and 18.4	127	126	125	124	123	122	121	120
18.5 and 18.6	128	127	126	125	124	123	122	121
18.7 and 18.8	129	128	127	126	125	124	123	122
18.9 and over	130	129	128	127	126	125	124	123

Atmospheric Temperature - 92° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>91 90</u>	<u>89 88</u>	<u>87 86</u>	<u>85 84</u>	<u>83 82</u>	<u>81 80</u>	<u>79 78</u>	<u>77</u>
16.0 and under	115	114	113	112	111	110	109	108
16.1 and 16.2	116	115	114	113	112	111	110	109
16.3 and 16.4	117	116	115	114	113	112	111	110
16.5 and 16.6	118	117	116	115	114	113	112	111
16.7 and 16.8	119	118	117	116	115	114	113	112
16.9 and 17.0	120	119	118	117	116	115	114	113
17.1 and 17.2	121	120	119	118	117	116	115	114
17.3 and 17.4	122	121	120	119	118	117	116	115
17.5 and 17.6	123	122	121	120	119	118	117	116
17.7 and 17.8	124	123	122	121	120	119	118	117
17.9 and 18.0	125	124	123	122	121	120	119	118
18.1 and 18.2	126	125	124	123	122	121	120	119
18.3 and 18.4	127	126	125	124	123	122	121	120
18.5 and 18.6	128	127	126	125	124	123	122	121
18.7 and 18.8	129	128	127	126	125	124	123	122
18.9 and over	130	129	128	127	126	125	124	123

Atmospheric Temperature - 93° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>92</u>	<u>91 90</u>	<u>89 88</u>	<u>87 86</u>	<u>85 84</u>	<u>83 82</u>	<u>81 80</u>	<u>79 78</u>
16.0 and under	116	115	114	113	112	111	110	109
16.1 and 16.2	117	116	115	114	113	112	111	110
16.3 and 16.4	118	117	116	115	114	113	112	111
16.5 and 16.6	119	118	117	116	115	114	113	112
16.7 and 16.8	120	119	118	117	116	115	114	113
16.9 and 17.0	121	120	119	118	117	116	115	114
17.1 and 17.2	122	121	120	119	118	117	116	115
17.3 and 17.4	123	122	121	120	119	118	117	116
17.5 and 17.6	124	123	122	121	120	119	118	117
17.7 and 17.8	125	124	123	122	121	120	119	118
17.9 and 18.0	126	125	124	123	122	121	120	119
18.1 and 18.2	127	126	125	124	123	122	121	120
18.3 and 18.4	128	127	126	125	124	123	122	121
18.5 and 18.6	129	128	127	126	125	124	123	122
18.7 and 18.8	130	129	128	127	126	125	124	123
18.9 and over	131	130	129	128	127	126	125	124

Atmospheric Temperature - 94° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>93 92</u>	<u>91 90</u>	<u>89 88</u>	<u>87 86</u>	<u>85 84</u>	<u>83 82</u>	<u>81 80</u>	<u>79</u>
16.0 and under	116	115	114	113	112	111	110	109
16.1 and 16.2	117	116	115	114	113	112	111	110
16.3 and 16.4	118	117	116	115	114	113	112	111
16.5 and 16.6	119	118	117	116	115	114	113	112
16.7 and 16.8	120	119	118	117	116	115	114	113
16.9 and 17.0	121	120	119	118	117	116	115	114
17.1 and 17.2	122	121	120	119	118	117	116	115
17.3 and 17.4	123	122	121	120	119	118	117	116
17.5 and 17.6	124	123	122	121	120	119	118	117
17.7 and 17.8	125	124	123	122	121	120	119	118
17.9 and 18.0	126	125	124	123	122	121	120	119
18.1 and 18.2	127	126	125	124	123	122	121	120
18.3 and 18.4	128	127	126	125	124	123	122	121
18.5 and 18.6	129	128	127	126	125	124	123	122
18.7 and 18.8	130	129	128	127	126	125	124	123
18.9 and over	131	130	129	128	127	126	125	124

Atmospheric Temperature 95° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>94</u>	<u>93</u>	<u>92 91</u>	<u>90 89</u>	<u>88 87</u>	<u>86 85</u>	<u>84 83</u>	<u>82 81</u>	<u>80</u>
16.0 and under	117	116	115	114	113	112	111	110	109
16.1 and 16.2	118	117	116	115	114	113	112	111	110
16.3 and 16.4	119	118	117	116	115	114	113	112	111
16.5 and 16.6	120	119	118	117	116	115	114	113	112
16.7 and 16.8	121	120	119	118	117	116	115	114	113
16.9 and 17.0	122	121	120	119	118	117	116	115	114
17.1 and 17.2	123	122	121	120	119	118	117	116	115
17.3 and 17.4	124	123	122	121	120	119	118	117	116
17.5 and 17.6	125	124	123	122	121	120	119	118	117
17.7 and 17.8	126	125	124	123	122	121	120	119	118
17.9 and 18.0	127	126	125	124	123	122	121	120	119
18.1 and 18.2	128	127	126	125	124	123	122	121	120
18.3 and 18.4	129	128	127	126	125	124	123	122	121
18.5 and 18.6	130	129	128	127	126	125	124	123	122
18.7 and 18.8	131	130	129	128	127	126	125	124	123
18.9 and over	132	131	130	129	128	127	126	125	124

Atmospheric Temperature - 96° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>95 94</u>	<u>93</u>	<u>92 91</u>	<u>90 89</u>	<u>88 87</u>	<u>86 85</u>	<u>84 83</u>	<u>82 81</u>
16.0 and under	117	116	115	114	113	112	111	110
16.1 and 16.2	118	117	116	115	114	113	112	111
16.3 and 16.4	119	118	117	116	115	114	113	112
16.5 and 16.6	120	119	118	117	116	115	114	113
16.7 and 16.8	121	120	119	118	117	116	115	114
16.9 and 17.0	122	121	120	119	118	117	116	115
17.1 and 17.2	123	122	121	120	119	118	117	116
17.3 and 17.4	124	123	122	121	120	119	118	117
17.5 and 17.6	125	124	123	122	121	120	119	118
17.7 and 17.8	126	125	124	123	122	121	120	119
17.9 and 18.0	127	126	125	124	123	122	121	120
18.1 and 18.2	128	127	126	125	124	123	122	121
18.3 and 18.4	129	128	127	126	125	124	123	122
18.5 and 18.6	130	129	128	127	126	125	124	123
18.7 and 18.8	131	130	129	128	127	126	125	124
18.9 and over	132	131	130	129	128	127	126	125

Atmospheric Temperature - 97° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>96 95</u>	<u>94 93</u>	<u>92 91</u>	<u>90 89</u>	<u>88 87</u>	<u>86 85</u>	<u>84 83</u>	<u>82</u>
16.0 and under	117	116	115	114	113	112	111	110
16.1 and 16.2	118	117	116	115	114	113	112	111
16.3 and 16.4	119	118	117	116	115	114	113	112
16.5 and 16.6	120	119	118	117	116	115	114	113
16.7 and 16.8	121	120	119	118	117	116	115	114
16.9 and 17.0	122	121	120	119	118	117	116	115
17.1 and 17.2	123	122	121	120	119	118	117	116
17.3 and 17.4	124	123	122	121	120	119	118	117
17.5 and 17.6	125	124	123	122	121	120	119	118
17.7 and 17.8	126	125	124	123	122	121	120	119
17.9 and 18.0	127	126	125	124	123	122	121	120
18.1 and 18.2	128	127	126	125	124	123	122	121
18.3 and 18.4	129	128	127	126	125	124	123	122
18.5 and 18.6	130	129	128	127	126	125	124	123
18.7 and 18.8	131	130	129	128	127	126	125	124
18.9 and over	132	131	130	129	128	127	126	125

Atmospheric Temperature - 98° F.

Moisture content
of rice

Wet bulb and drying temperatures

<u>Percent</u>	<u>97</u>	<u>96 95</u>	<u>94 93</u>	<u>92 91</u>	<u>90 89</u>	<u>88 87</u>	<u>86</u>	<u>85 84</u>	<u>83</u>
16.0 and under	118	117	116	115	114	113	112	111	110
16.1 and 16.2	119	118	117	116	115	114	113	112	111
16.3 and 16.4	120	119	118	117	116	115	114	113	112
16.5 and 16.6	121	120	119	118	117	116	115	114	113
16.7 and 16.8	122	121	120	119	118	117	116	115	114
16.9 and 17.0	123	122	121	120	119	118	117	116	115
17.1 and 17.2	124	123	122	121	120	119	118	117	116
17.3 and 17.4	125	124	123	122	121	120	119	118	117
17.5 and 17.6	126	125	124	123	122	121	120	119	118
17.7 and 17.8	127	126	125	124	123	122	121	120	119
17.9 and 18.0	128	127	126	125	124	123	122	121	120
18.1 and 18.2	129	128	127	126	125	124	123	122	121
18.3 and 18.4	130	129	128	127	126	125	124	123	122
18.5 and 18.6	131	130	129	128	127	126	125	124	123
18.7 and 18.8	132	131	130	129	128	127	126	125	124
18.9 and over	133	132	131	130	129	128	127	126	125

Atmospheric Temperature - 99° F.

Moisture content of rice	Wet bulb and drying temperatures							
	<u>Percent</u>	<u>98 97</u>	<u>96 95</u>	<u>94 93</u>	<u>92</u>	<u>91 90</u>	<u>89 88</u>	<u>87 86</u> <u>85 84</u>
16.0 and under		118	117	116	115	114	113	112 111
16.1 and 16.2		119	118	117	116	115	114	113 112
16.3 and 16.4		120	119	118	117	116	115	114 113
16.5 and 16.6		121	120	119	118	117	116	115 114
16.7 and 16.8		122	121	120	119	118	117	116 115
16.9 and 17.0		123	122	121	120	119	118	117 116
17.1 and 17.2		124	123	122	121	120	119	118 117
17.3 and 17.4		125	124	123	122	121	120	119 118
17.5 and 17.6		126	125	124	123	122	121	120 119
17.7 and 17.8		127	126	125	124	123	122	121 120
17.9 and 18.0		128	127	126	125	124	123	122 121
18.1 and 18.2		129	128	127	126	125	124	123 122
18.3 and 18.4		130	129	128	127	126	125	124 123
18.5 and 18.6		131	130	129	128	127	126	125 124
18.7 and 18.8		132	131	130	129	128	127	126 125
18.9 and over		133	132	131	130	129	128	127 126

